



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Group Art Unit: Not  
Assigned

Ronnie C. Hanecak, Kevin P. Anderson, C. Frank Bennett,  
Ming-Yi Chiang, Vickie L. Brown-Driver, David J. Ecker,  
Timothy A. Vickers, Jacqueline R. Wyatt

Examiner: Not Assigned

For: MODULATION OF TELOMERE LENGTH BY  
OLIGONUCLEOTIDES HAVING A G-CORE  
SEQUENCE

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent

☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on January 2, 2002 as Serial No. 10/038,335.

☐ said application having been amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
09/299,058	April 23, 1999	Pending
08/403,888	June 12, 1995	Patented
PCT/US93/09297	September 29, 1993	
07/954,185	September 29, 1992	Abandoned

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed

I hereby appoint the following persons as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney/Agent	Registration No.
John W. Caldwell	28,937
Paul K. Legaard	38,534

of **WOODCOCK WASHBURN LLP**, One Liberty Place - 46<sup>th</sup> Floor, Philadelphia, Pennsylvania 19103 and

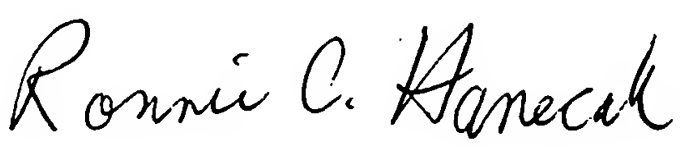
Herb Boswell	Registration No. 27,311
Laurel Bernstein	Registration No. 37,280
Robert S. Andrews	Registration No. 44,508
Neil S. Bartfeld	Registration No. 39,901
Kenneth H. Tarbet	Registration No. 43,181
Matthew V. Grumbling	Registration No. 44,427
Quan Le Nguyen	Registration No. 46,957

of **ISIS PHARMACEUTICALS, INC.**, 2292 Faraday Avenue, Carlsbad, California 92008

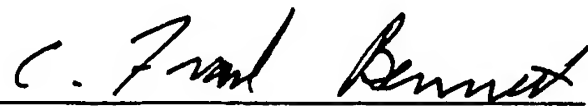
Address all telephone calls and correspondence to:

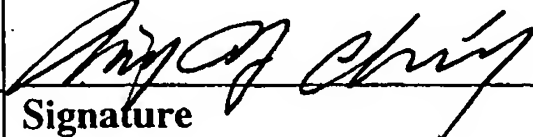
Paul K. Legaard  
**WOODCOCK WASHBURN LLP**  
 One Liberty Place - 46th Floor  
 Philadelphia PA 19103  
 Telephone No.: (215) 568-3100  
 Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


<b>Name:</b>  Ronnie C. Hanecak	
<b>Mailing Address:</b>  904 Calle Venezia San Clemente, California 92672	<b>Signature</b>  <b>Date of Signature:</b> <u>07/23/02</u>
<b>City/State of Actual Residence:</b>  San Clemente, California	<b>Citizenship:</b> United States of America


<b>Name:</b>  Kevin P. Anderson	<b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  2772 La Gran Via Carlsbad, California 92009	
<b>City/State of Actual Residence:</b>  Carlsbad, California	

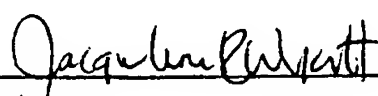
<b>Name:</b>  C. Frank Bennett	 <b>Signature</b>  <b>Date of Signature:</b> <u>7-23-02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  1347 Cassins Street Carlsbad, California 92009	
<b>City/State of Actual Residence:</b>  Carlsbad, California	

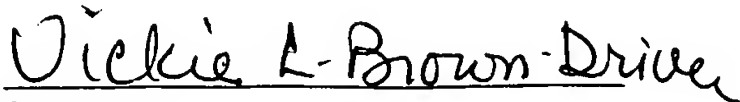
<b>Name:</b>  Ming-Yi Chiang	 <b>Signature</b>  <b>Date of Signature:</b> <u>7-18-02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 10039 SPRINGWOOD CT <del>3813 Crestone Place</del> San Diego, California 92130 <i>mjc 07/18/02</i>	
<b>City/State of Actual Residence:</b>  San Diego, California	

<b>Name:</b>  Vickie L. Brown-Driver	<b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  1015 Santa Florencia Solana Beach, California 92075	
<b>City/State of Actual Residence:</b> Solana Beach, California	

<b>Name:</b>  David J. Ecker	 <b>Signature</b>  <b>Date of Signature:</b> <u>7-22-02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  1041 Saxony Road Encinitas, California 92024	
<b>City/State of Actual Residence:</b>  Encinitas, California	

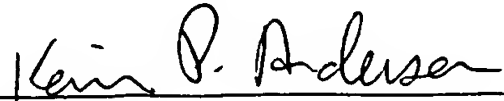
<b>Name:</b>  Timothy A. Vickers	 <b>Signature</b>  <b>Date of Signature:</b> <u>7/18/02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  253 Luiseno Avenue Oceanside, California 92057	
<b>City/State of Actual Residence:</b>  Oceanside, California	

<b>Name:</b>  Jacqueline R. Wyatt	 <b>Signature</b>  <b>Date of Signature:</b> <u>7/16/02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  1065 Hymettus Avenue Encinitas, California 92024	
<b>City/State of Actual Residence:</b>  Encinitas, California	

<b>Name:</b> Vickie L. Brown-Driver	 <b>Signature</b>  <b>Date of Signature:</b> <u>7-16-02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  1015 Santa Florencia Solana Beach, California 92075	
<b>City/State of Actual Residence:</b> Solana Beach, California	

<b>Name:</b> David J. Ecker	   <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  1041 Saxony Road Encinitas, California 92024	
<b>City/State of Actual Residence:</b> Encinitas, California	

<b>Name:</b> Timothy A. Vickers	   <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b>  253 Luiseno Avenue Oceanside, California 92057	
<b>City/State of Actual Residence:</b> Oceanside, California	

<b>Name:</b> Kevin P. Anderson	 <b>Signature</b>  <b>Date of Signature:</b> <u>7/30/02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 2772 La Gran Via Carlsbad, California 92009	
<b>City/State of Actual Residence:</b> Carlsbad, California	

<b>Name:</b> C. Frank Bennett	   <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 1347 Cassins Street Carlsbad, California 92009	
<b>City/State of Actual Residence:</b> Carlsbad, California	

<b>Name:</b> Ming-Yi Chiang	   <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 3833 Crestone Place San Diego, California 92130	
<b>City/State of Actual Residence:</b> San Diego, California	